IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A multimedia data retrieval method, comprising:

(a) managing each one of a plurality of multimedia data in relation to time information and location information respectively indicating a time and a location of ~~events~~ an event at which each multimedia data is originally created;

(a1) extracting an event name from a retrieval request, said event name being a name of an event at which a multimedia data is originally created;

(b) obtaining at least one of the time information and the location information corresponding to ~~a retrieval request upon receiving the retrieval request specified by using event names of the events at which each multimedia data is originally created~~ the extracted event name; and

(c) retrieving the multimedia data from the plurality of multimedia data managed by the step (a), by using at least one of the time information and the location information obtained by the step (b) as retrieval keys.

Claim 2 (Previously Presented): The method of claim 1, wherein the step (b) obtains at least one of the time information and the location information corresponding to the retrieval request by referring to an index table that contains a plurality of event names and at least one of the time information and the location information that are related to each event name.

Claim 3 (Original): The method of claim 2, wherein the step (b) utilizes schedule data as the index table, by taking name information indicating schedule contents as the event

names, date and time information of schedules as the time information, and place information

of schedules as the location information.

Claim 4 (Previously Presented): The method of claim 1, wherein the step (b) obtains

at least one of the time information and the location information corresponding to the

retrieval request from an index server by transmitting the retrieval request to the index server

which has a function for obtaining at least one of the time information and the location

information that are related to each event name.

Claim 5 (Previously Presented): The method of claim 1, further comprising:

(d) obtaining at least one of the time information and the location information that are

related to one multimedia data upon receiving a reverse look-up retrieval request specifying

said one multimedia data; and

(e) retrieving event names according to at least one of the time information and the

location information obtained by the step (d) as a reverse look-up retrieval result.

Claim 6 (Previously Presented): The method of claim 1, wherein the step (a) manages

each multimedia data in relation to at least one of the time information and the location

information which are automatically created in relation to a creation of each multimedia data.

Claim 7 (Currently Amended): A multimedia data retrieval device, comprising:

a data management unit configured to manage each one of a plurality of multimedia

data in relation to at least one of time information and location information respectively

indicating a time and a location of ~~events~~ an event at which each multimedia data is originally

created;

an extraction unit configured to extract an event name from a retrieval request, said

event name being a name of an event at which a multimedia data is originally created;

a processing unit configured to obtain at least one of the time information and the

location information corresponding to ~~a retrieval request upon receiving the retrieval request~~

~~specified by using event names of the events at which each multimedia data is originally~~

~~created~~ the extracted event name; and

a data selection unit configured to retrieve the multimedia data from the plurality of

multimedia data managed by the data management unit, by using at least one of the time

information and the location information obtained by the processing unit as retrieval keys.

Claim 8 (Currently Amended): A computer usable medium having computer readable

program codes embodied therein for causing a computer to function as a multimedia data

retrieval device, the computer readable program codes include:

a first computer readable program code for causing said computer to manage each one

of a plurality of multimedia data in relation to at least one of time information and location

information respectively indicating a time and a location of ~~events~~ an event at which each

multimedia data is originally created;

a second computer readable program code for causing said computer to extract an

event name from a retrieval request, said event name being a name of an event at which a

multimedia data is originally created;

a ~~second~~ third computer readable program code for causing said computer to obtain at

least one of the time information and the location information corresponding to ~~a retrieval~~

~~request upon receiving the retrieval request specified by using event names of the events at~~

~~which each multimedia data is originally created~~ the extracted event name; and

a ~~third~~ fourth computer readable program code for causing said computer to retrieve

the multimedia data from the plurality of multimedia data managed by the first computer

readable program code, by using at least one of the time information and the location

information obtained by the second computer readable program code as retrieval keys.

Claim 9 (Currently Amended): An index information providing method, comprising:

(a) receiving a retrieval request ~~specified by using~~ that includes an event ~~names~~ name

of ~~events~~ an event at which a desired multimedia data is originally created, through a network

from a requestor;

(a1) extracting the event name from the retrieval request;

(b) obtaining at least one of time information and location information corresponding

to the ~~retrieval request received by the step (a) according to the event names used in the~~

~~retrieval request~~ extracted event name by referring to an index table that contains a plurality

of event names and at least one of the time information and the location information that are

related to each event name, the time information and the location information respectively

indicating a time and a location of events at which each multimedia data is originally created;

and

(c) providing at least one of the time information and the location information

obtained by the step (b) as an index information, through the network to the requestor.

Claim 10 (Previously Presented): The method of claim 9, wherein the index table

includes a plurality of personal index tables and a common index table, and the step (b)

obtains at least one of the time information and the location information by referring at least

to one of the personal index table corresponding to the requestor and the common index table.

Claim 11 (Original): The method of claim 9, wherein the step (b) utilizes schedule data as the index table, by taking name information indicating schedule contents as the event names, date and time information of schedules as the time information, and place information of schedules as the location information.

Claim 12 (Previously Presented): An index server, comprising:

a request reception unit configured to receive a retrieval request ~~specified by using~~ that includes an event ~~names~~ name of ~~events~~ an event at which a desired multimedia data is originally created, through a network from a requestor;

an extraction unit configured to extract the event name from the retrieval request;

a processing unit configured to obtain at least one of time information and location information corresponding to the ~~retrieval request received by the request reception unit~~ ~~according to the event names used in the retrieval request~~ extracted event name by referring to an index table that contains a plurality of event names and at least one of the time information and the location information that are related to each event name, the time information and the location information respectively indicating a time and a location of events at which each multimedia data is originally created; and

an index information transmission unit configured to provide at least one of the time information and the location information obtained by the processing unit as an index information, through the network to the requestor.

Claim 13 (Currently Amended): A computer usable medium having computer readable program codes embodied therein for causing a computer to function as an index server, the computer readable program codes include:

a first computer readable program code for causing said computer to receive a

retrieval request ~~specified by using~~ that includes an event ~~names~~ name of ~~events~~ an event at

which a desired multimedia data is originally created, through a network from a requestor;

a second computer readable program code for causing said computer to extract the

event name from the retrieval request;

a ~~second~~ third computer readable program code for causing said computer to obtain at

least one of time information and location information corresponding to the ~~retrieval request~~

~~received by the first computer readable program code according to the event names used in~~

~~the retrieval request~~ extracted event name by referring to an index table that contains a

plurality of event names and at least one of the time information and the location information

that are related to each event name, the time information and the location information

respectively indicating a time and a location of events at which each multimedia data is

originally created; and

a third computer readable program code for causing said computer to provide at least

one of the time information and the location information obtained by the second computer

readable program code as an index information, through the network to the requestor.

Claim 14 (Currently Amended): A multimedia data retrieval method, comprising:

(a) managing each one of a plurality of multimedia data in relation to at least one of

time information and location information respectively indicating a time and a location of

~~events~~ an event at which each multimedia data is originally created;

(b) receiving a retrieval request ~~specified by using~~ that includes an event ~~names~~ name

of ~~events~~ an event at which a desired multimedia data is originally created, through a network

from a requestor;

(a1) extracting an event name from a retrieval request, said event name being a name of the event at the desired multimedia data is originally created;

(c) obtaining at least one of the time information and the location information corresponding to the ~~retrieval request received by the step (b)~~ extracted event name;

(d) retrieving the desired multimedia data from the plurality of multimedia data managed by the step (a), by using at least one of the time information and the location information obtained by the step (c) as retrieval keys; and

(e) providing the desired multimedia data retrieved by the step (d) as a retrieval result, through the network to the requestor.

Claim 15 (Previously Presented): The method of claim 14, wherein the step (c) obtains at least one of the time information and the location information corresponding to the retrieval request by referring to an index table that contains a plurality of event names and at least one of the time information and the location information that are related to each event name.

Claim 16 (Previously Presented): The method of claim 14, further comprising:

(f) obtaining at least one of the time information and the location information that are related to one multimedia data upon receiving a reverse look-up retrieval request specifying said one multimedia data; and

(g) retrieving event names according to at least one of the time information and the location information obtained by the step (f) as a reverse look-up retrieval result.

Claim 17 (Currently Amended): A multimedia data retrieval server, comprising:

a data management unit configured to manage each one of a plurality of multimedia data in relation to at least one of time information and location information indicating a time and a location of ~~events~~ an event at which each multimedia data is originally created;

a request reception unit configured to receive a retrieval request ~~specified by using~~ that includes an event ~~names~~ name of ~~events~~ an event at which a desired multimedia data is originally created, through a network from a requestor;

an extraction unit configured to extract the event name from the retrieval request;

a processing unit configured to obtain at least one of the time information and the location information corresponding to the ~~retrieval request received by the request reception unit~~ extracted event name;

a data selection unit configured to retrieve the desired multimedia data from the plurality of multimedia data managed by the data management unit, by using at least one of the time information and the location information obtained by the processing unit as retrieval keys; and

a retrieval result transmission unit configured to provide the desired multimedia data retrieved by the data selection unit as a retrieval result, through the network to the requestor.

Claim 18 (Currently Amended): A computer usable medium having computer readable program codes embodied therein for causing a computer to function as a multimedia data retrieval server, the computer readable program codes include:

a first computer readable program code for causing said computer to manage each one of a plurality of multimedia data in relation to time information and location information respectively indicating a time and a location of ~~events~~ an event at which each multimedia data is originally created;

a second computer readable program code for causing said computer to receive a

retrieval request ~~specified by using~~ that includes an event ~~names~~ name of ~~events~~ an event at

which a desired multimedia data is originally created, through a network from a requestor;

a third computer readable program code for causing said computer to extract the event

name form the retrieval request;

a ~~third~~ fourth computer readable program code for causing said computer to obtain at

least one of the time information and the location information corresponding to the ~~retrieval~~

~~request received by the second computer readable program code~~ the extracted event name;

a ~~fourth~~ fifth computer readable program code for causing said computer to retrieve

the desired multimedia data from the plurality of multimedia data managed by the first

computer readable program code, by using at least one of the time information and the

location information obtained by the ~~third~~ fourth computer readable program code as retrieval

keys; and

a ~~fifth~~ sixth computer readable program code for causing said computer to provide the

desired multimedia data retrieved by the ~~fourth~~ fifth computer readable program code as a

retrieval result, through the network to the requestor.

Claim 19 (Currently Amended): A method for providing an index information

providing service from an index server to multimedia data retrieval devices which are

connected through a network, each multimedia data retrieval device managing each one of a

plurality of multimedia data in relation to at least one of time information and location

information respectively indicating a time and a location of events at which each multimedia

data is originally created, the method comprising:

Reply to Office Action of January 14, 2005

(a) receiving a retrieval request ~~specified by using~~ that includes an event ~~names~~ name

of ~~events~~ an event at which a desired multimedia data is originally created, at the index server

through the network from a requesting multimedia data retrieval device;

(a1) extracting the event name from the retrieval request;

(b) obtaining at least one of the time information and the location information

corresponding to the ~~retrieval request received by the step (a)~~ extracted event name at the

index server ~~according to the event names used in the retrieval request~~ by referring to an

index table that contains a plurality of event names and at least one of the time information

and the location information that are related to each event name; and

(c) providing at least one of the time information and the location information

obtained by the step (b) as an index information, from the index server through the network

to the requesting multimedia data retrieval device, so as to enable the requesting multimedia

data retrieval device to retrieve the desired multimedia data from the plurality of multimedia

data by using at least one of the time information and the location information obtained from

the index server as retrieval keys.

Claim 20 (Currently Amended): A method for providing a multimedia data retrieval

service from a multimedia data retrieval server to clients which are connected through a

network, the method comprising:

(a) managing each one of a plurality of multimedia data at the multimedia data

retrieval server in relation to at least one of time information and location information

respectively indicating a time and a location of ~~events~~ an event at which each multimedia

data is originally created;

11

(b) receiving a retrieval request ~~specified by using~~ that includes an event ~~names~~ name of ~~events~~ an event at which a desired multimedia data is originally created, at the multimedia data retrieval server through a network from a requesting client;

(b1) extracting the event name from the retrieval request;

(c) obtaining at least one of the time information and the location information corresponding to the ~~retrieval request received by the step (b)~~ extracted event name at the multimedia data retrieval server;

(d) retrieving multimedia data from the plurality of multimedia data managed by the step (a) at the multimedia data retrieval server, by using at least one of the time information and the location information obtained by the step (c) as retrieval keys; and

(e) providing the multimedia data retrieved by the step (d) as a retrieval result, from the multimedia data retrieval server through the network to the requesting client, so as to enable the requesting client to obtain the multimedia data matching with the retrieval request.

Claim 21 (New): The method of claim 1, wherein the location of the event includes a latitude and a longitude.

Claim 22 (New): The device of claim 7, wherein the location of the event includes a latitude and a longitude.

Claim 23 (New): The computer useable medium of claim 8, wherein the location of the event includes a latitude and a longitude.

Claim 24 (New): The method of claim 9, wherein the location of the event includes a latitude and a longitude.

Claim 25 (New): The server of claim 12, wherein the location of the event includes a latitude and a longitude.

Claim 26 (New): The computer useable medium of claim 13, wherein the location of the event includes a latitude and a longitude.

Claim 27 (New): The method of claim 14, wherein the location of the event includes a latitude and a longitude.

Claim 28 (New): The server of claim 17, wherein the location of the event includes a latitude and a longitude.

Claim 29 (New): The computer useable medium of claim 18, wherein the location of the event includes a latitude and a longitude.

Claim 30 (New): The method of claim 19, wherein the location of the event includes a latitude and a longitude.

Claim 31 (New): The method of claim 20, wherein the location of the event includes a latitude and a longitude.